ments on Machinery for Dressing Stone

Fig: 1.

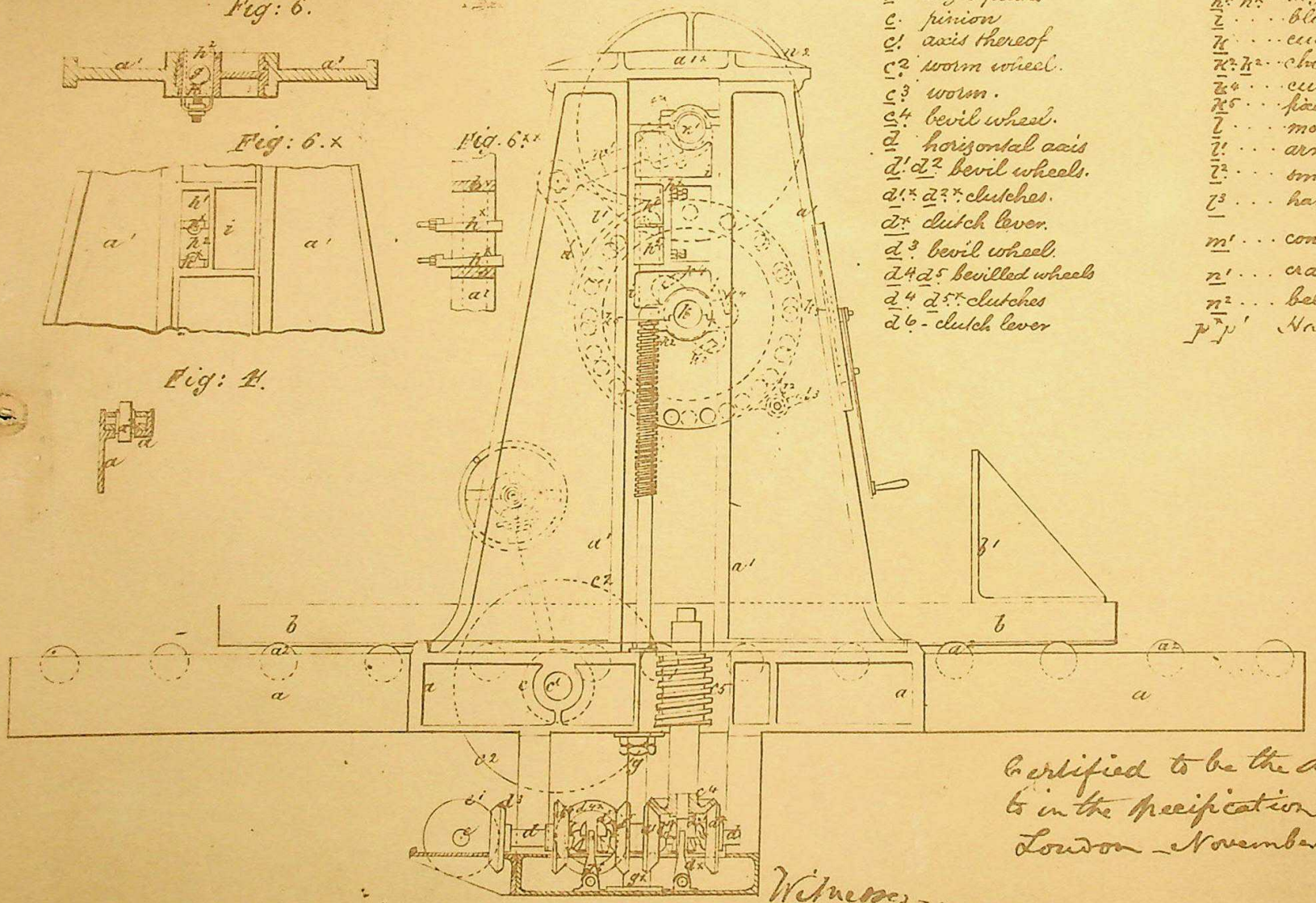

Fig: 6.

Fig: 6.×

Fig: 6.××

Fig: 4.

a main frame.
a a¹ uprights.
a² small rollers.
a¹ˣ cap.
b table
b¹ angle plates
c pinion
c¹ axis thereof
c² worm wheel.
c³ worm.
c⁴ bevil wheel.
d horizontal axis
d¹ d² bevil wheels.
d¹ˣ d²ˣ clutches.
dˣ clutch lever.
d³ bevil wheel.
d⁴ d⁵ bevilled wheels
d⁴ d⁵ˣ clutches
d⁶ - clutch lever

e axis.
e¹ . . wheel thereon.
g . . . upright screws.
gˣ . . . fork-ends therefor.
h¹ h² . . screw nuts.
hˣ hˣ . adjusting wedges.
i . . . block
k . . . cutter axis.
k² k² . chisels.
k⁴ . . . cutters
k⁵ . . . fixed discs
l . . . movable disc
l¹ . . . arm or disc l.
l² . . . small pinion
l³ . . . handle.
m¹ . . . connecting rod
n¹ . . . crank pin.
n² . . . belt pulley.
p ˣp¹ Moulders

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Witnesses
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W. Carpmael

Joseph Elliott Holmes
Walter Payton

1872
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Fig: 3.

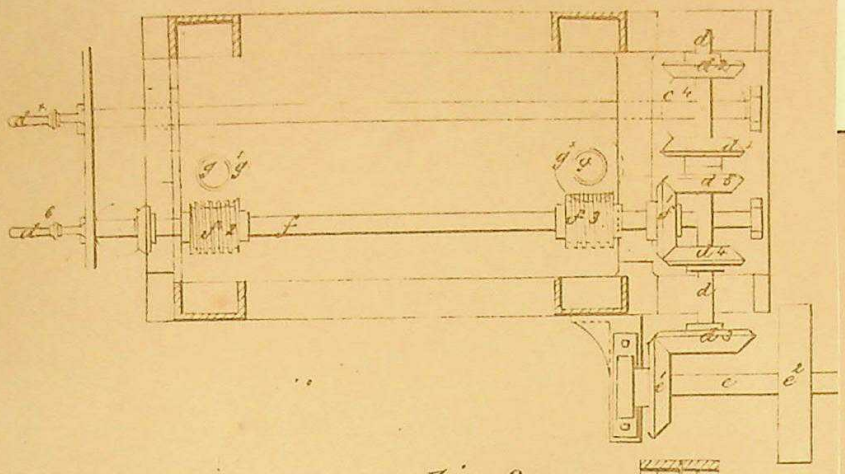
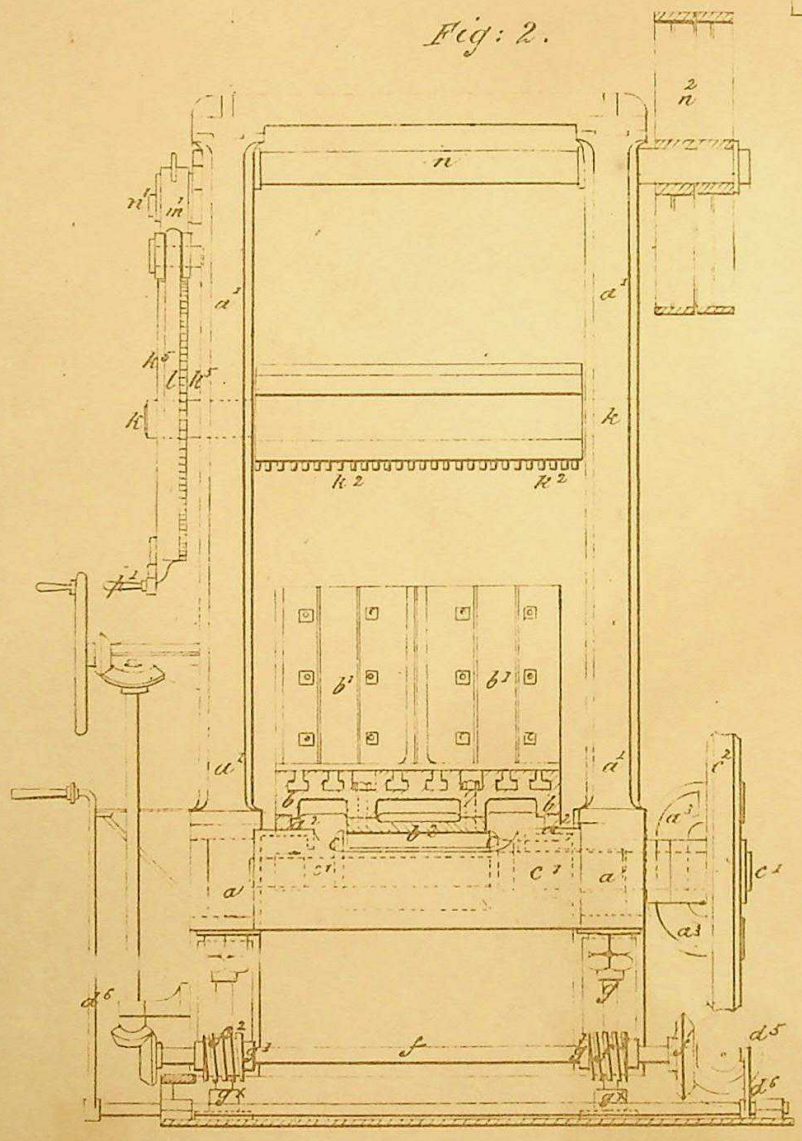


Fig: 2.



a . . main frame.
a1 . . uprights
a2 a3 . . cross connections
b . . frame
b1 . . cogged quadrant
b2 . . brick
c . . piston
c1 . . piston rod
c2 . . connecting rod
c3 . . crank wheel
c4 . . fly wheel
d . . horizontal axis.
d1 . . vertical lever.
d2 . . vertical rod
d3 . . bevil wheel
d4 d5 . . bevil pinion
d6 . . chain
e . . rod
e1 . . rocking lever
e2 . . connecting rod
f . . axis
f1 . . wheel thereon
f2 f3 . . wheels
g g1 . . pinion
g2 g3 . . pedestal
g4 . . connecting rod
g5 . . crank axis
k . . chisels
k2 . . guide
k3 k4 . . guide slides
l . . connecting rod
m . . crank disc
m1 . . crank axis
m2 . . crank pin
n . . bell pulley
n1 . . handle

Improvements in Machinery for dressing Stone.

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Witnesses.
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Temple

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Walter Bay

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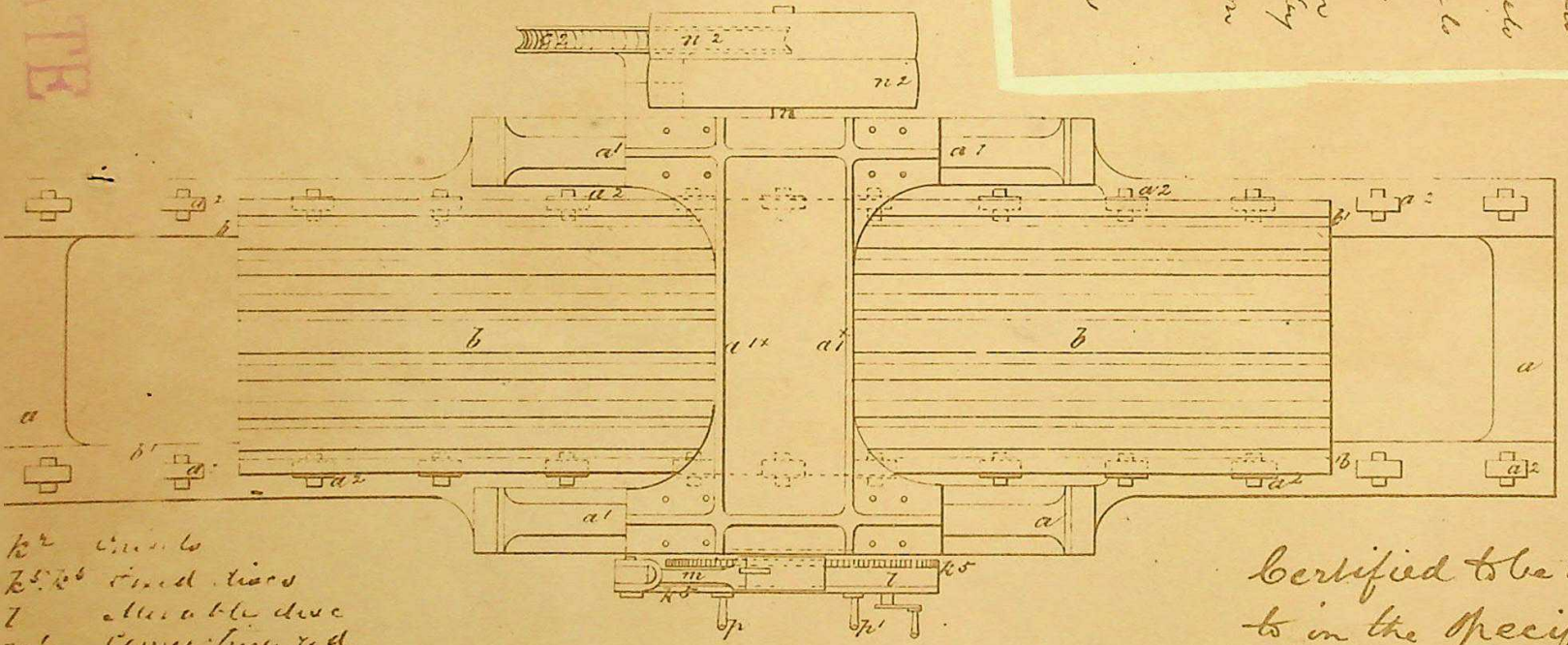
Improvements on Machinery for Dressing Stone

a. main frames
a1. a1' upright bars
a2. a2 wheel spindle bearings
a3. tables
b1 longitudinal plate
b2 rods
c. c1 cross bars
c2 c4 upright shafts
d. d1 d2 d3 d4 d5 d6 bevil wheels
dx dx' dx2 dx3 clutch wheels
e e1 e2 axis
e' bevil wheels
f. f1 f2 f3 bevil wheels
g. g1 g2 g3 g4 g5 g6 bevil wheels
h cutter axis

Fig: 3.



f2 Cranks
f5 f6 Fixed bars
l Adjustable drive
m1 Connecting rod
n Crank axis
n1 Crank pin
n2 Belt pulley
p p1 Handles

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D Carpmael

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Improvements on Machinery for Dressing Stone

Fig: 7.

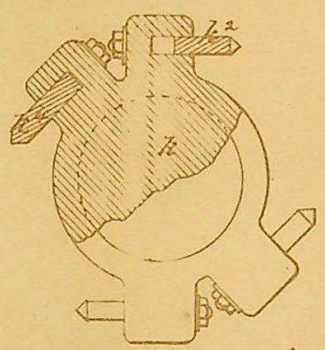

Fig: 9.

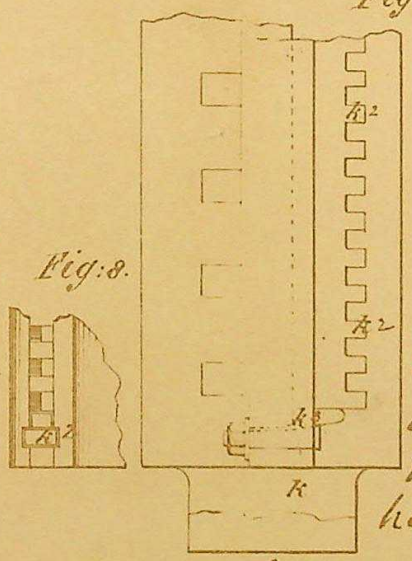

Fig: 10.

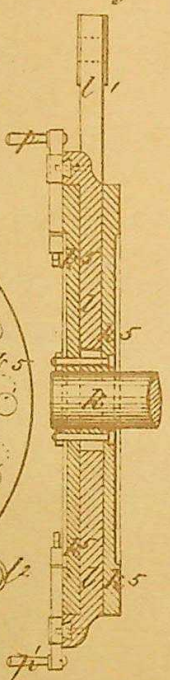

Fig: 11.

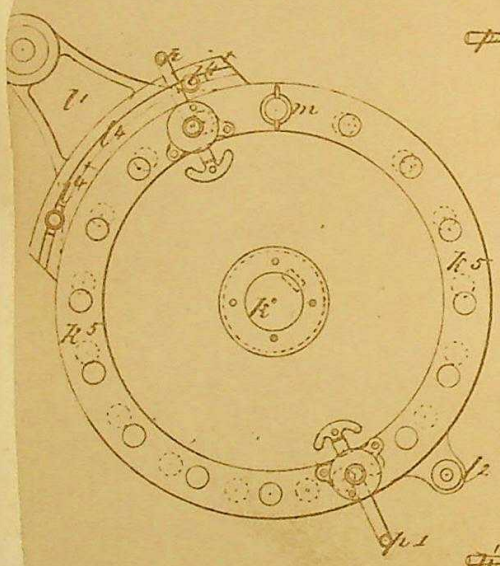

Fig: 8.

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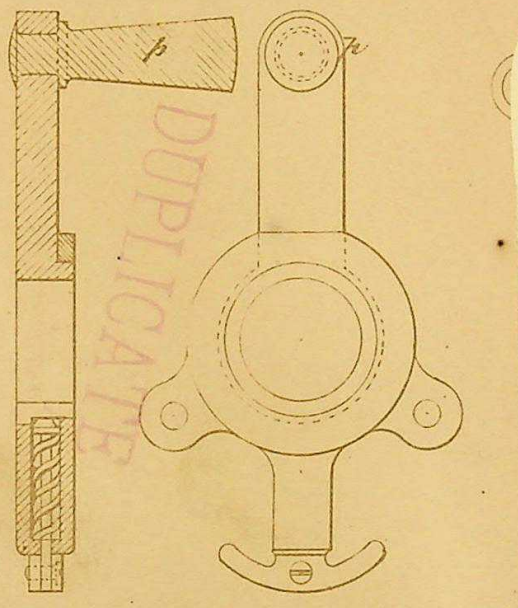
Fig: 12. Fig: 13.

a. main frame
a.a' uprights
a² a³ small rollers
a³ Bracket
b Table
b' angle plate
b² Rack
c Pinion
c' Axis thereof.
c³ bevil wheel
c⁴ Bevil wheel
d Horizontal axis
d¹ Clutch lever
d' d² bevilled wheels
d³ Bevil wheel
d⁴ d⁵ bevilled wheels
d⁵ bevilled wheel
d⁶ clutch lever
e axis
e' Wheel thereon
e² driving pulley
f Axis
f' Wheel thereon
f² f³ Worms
g. g. Screws
g¹ g¹ Fairleigh
g' g' Worm wheels
k. Cutter axis



DUPLICATE

k² Chisels
k⁵ k⁵ Fixed Knives
l. adjustable disc
m' connecting rod
n Crank axis
n' Crank pin
n² Belt pulley
p-p' Handles

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